

**Phyllanthostatin 2**

See  $\beta$ -D-Glucopyranose, 2-O-(3-O-acetyl-6-deoxy- $\beta$ -D-glucopyranosyl)-, 3-acetate 1-[(2R,2'S,3'aS,4'S,5''R,6'S,7'aR)-decahydro-5''-methyl-4''-[(2E)-1-oxo-3-phenyl-2-propenyl]oxy]dispiro[oxirane-2,3'(2'H)-benzofuran-2',2''-(2H)pyran]-6'-carboxylate] [81558-18-1]

**Phyllanthostatin 3**

See  $\beta$ -D-Glucopyranose, 2-O-(3-O-acetyl-6-deoxy- $\beta$ -D-glucopyranosyl)-6-deoxy-, 3-acetate 1-[(2R,3S,3aR,4'R,5'S,6R,7aS)-decahydro-3-hydroxy-3-(hydroxymethyl)-5'-methyl-4'-[(2E)-1-oxo-3-phenyl-2-propenyl]oxy]spiro[benzofuran-2(3H),2'-(2H)pyran]-6-carboxylate] [81558-17-0]

**Phyllanthurinolactone**

See 2(6H)-Benzofuranone, 6-( $\beta$ -D-glucopyranosyloxy)-7,7a-dihydro-, (6S,7aR)- [168180-12-9]

**Phyllanthus amarus**

See *Phyllanthus niruri*

**Phyllanthus emblica**

See *Emblic* (*Phyllanthus emblica*)

**Phyllanthusiin A**

See  $\beta$ -D-Glucopyranose, cyclic 3,6-(4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate) 1-(3,4,5-trihydroxybenzoate), cyclic 2-5:4-4-ester with 5-(6-carboxy-2,3,4-trihydroxyphenyl)-3,4-dihydro-2-oxo-2H-pyran-4,6-dicarboxylic acid [142705-58-6]

**Phyllanthusiin B**

See  $\beta$ -D-Glucopyranose, cyclic 3,6-(4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate) 1-(3,4,5-trihydroxybenzoate), cyclic 2-4:4-3'-ester with 3-(1,2-dicarboxy-1-hydroxyethyl)-2,3-dihydro-6,7-dihydroxy-2,4-benzofurandicarboxylic acid [142674-51-9]

**Phyllanthusiin C**

See  $\beta$ -D-Glucopyranose, cyclic 3,6-(4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate) cyclic 2-8:4-1-(2,3,3a,8b-tetrahydro-1,3,3a,5,6-pentahydroxy-1H-cyclopenta[b]benzofuran-1,8-dicarboxylate) 1-(3,4,5-trihydroxybenzoate) [142674-52-0]

**Phyllanthusiin D**

See  $\beta$ -D-Glucopyranose, cyclic 3,6-(4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate) cyclic 2-9:4-1-(4S,4aR,9bR)-3,4,4a,9b-tetrahydro-4,4a,6,7-tetrahydroxy-3-oxo-4-(2-oxopropyl)-1,9-dibenzofurandicarboxylate] 1-(3,4,5-trihydroxybenzoate) [133145-19-4]

**Phyllanthus nivosus**

See *Breynia nivosus*

**Phyllanthidine**

See 9H-6,12b-Methanofuro[2,3-d]pyrido[1,2-b][1,2]-oxazocin-2(6H)-one, 10,11,12,12a-tetrahydro-, [6S-(6a,12aa,12ba)]- [38836-07-6]

**Phyllemblin**

See Benzoic acid, 3,4,5-trihydroxy-, esters, ethyl ester [831-61-8]

**Phyllester**

See 1,2-Benzenedicarboxylic acid, esters, bis(2,5-dimethylhexyl) ester [104719-70-2]

**Phyllirea**

See *Phillyrea*

**Phyllite****Phyllnirurin**

See 5-Benzofuranpropanol, 2-(1,3-benzodioxol-5-yl)-2,3-dihydro-7-methoxy-3-methyl-, (2R,3R)-rel- [120396-53-4]

**Phyllocactin**

See 2,6-Pyridinedicarboxylic acid, 4-[2-[(2S)-2-carboxy-5-[[6-O-(carboxyacetyl)- $\beta$ -D-glucopyranosyl]oxy]-2,3-dihydro-6-hydroxy-1H-indol-1-yl]ethenyl]-2,3-dihydro-, (2S)- [15167-85-8]

**Phyllochlorin**

See 21H,23H-Porphine-2-propanoic acid, 8-ethenyl-13-ethyl-2,3-dihydro-3,7,12,17,20-pentamethyl-, (2S,3S)- [552-28-3]

**Phyllochromenol**

See 2H-Naphtho[1,2-b]pyran-6-ol, 2,5-dimethyl-2-(4,8,12-trimethyltridecyl)- [34044-00-3]

**Phyllochrysine**

See 8H-6,11b-Methanofuro[2,3-c]pyrido[1,2-a]-azepin-2(6H)-one, 9,10,11,11a-tetrahydro-, (6S,11aS,11bS)- [884-68-4]

**Phyllocladanol**

See *Kauran*-16-ol, (5a,9a,10b)- [27898-42-6]

**Phyllocladene**

(-)- — see *Kaur*-16-ene, (8b,13b)- [20070-61-5]

**Phyllocontin**

See 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-, compounds, compd. with 1,2-ethanediamine (2:1) [317-34-0]

**Phyllocoptes gracilis**

Dryberry mite is also indexed at this heading

**Phyllocopturta oleivora**

Citrus rust mite is also indexed at this heading

**Phyllocoumarin**

See 2H,8H-Benz[1,2-b:3,4-b']dipyran-8-one, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-3,5-dihydroxy-, (2R,3S)- [124902-13-2]

**Phyllodromia**

See also *Blattella*

**Phyllodulcin**

See 1H-2-Benzopyran-1-one, 3,4-dihydro-8-hydroxy-3-(3-hydroxy-4-methoxyphenyl)-, (3R)- [21499-23-0]

**Phylloerythrin**

See 3-Phorbinepropanoic acid, 3,4-didehydro-9,14-diethyl-4,8,13,18-tetramethyl-20-oxo- [26359-43-3]

**Phyllofenone A**

See Ethanone, 1-[(4aS,4bR,6aS,7S,10aS,10bR,12S,12aR)-7-ethyl-1,4,4a,4b,5,6,6a,7,8,9,10,10a,10b,11,12,12a-hexadecahydro-12-hydroxy-4b,7,10a,12a-tetramethyl-2-chrysenyl]- [144506-66-1]

**Phyllofenone B**

See Benzo[3,4]-18-norandrosta-3,12,15-trien-17-one, 6'-ethyl-1',2',3',4',5',6'-hexahydro-7-hydroxy-4,6',8-trimethyl-, (3 $\beta$ ,4a,6'a,7 $\beta$ ,8a,9 $\beta$ ,10a,14 $\beta$ )- [134985-06-1]

**Phylloflavan**

See Benzenepentanoic acid,  $\beta$ ,3,4-trihydroxy-, (2R,3S)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, ( $\beta$ S)- [98570-83-3]

**Phylloflavanin**

See Benzenepentanoic acid,  $\beta$ ,3,4-trihydroxy-, (2R,3S,10R)-2,10-bis(3,4-dihydroxyphenyl)-3,4,9,10-tetrahydro-5-hydroxy-8-oxo-2H,8H-benzo[1,2-b:3,4-b']dipyran-3-yl ester, ( $\beta$ S)- [13296-20-1]

**Phyllofolactone A**

See Chryseno[1,2-c]furan-1,13-dione, 8-ethyl-octadecahydro-4-hydroxy-3,5b,8,11a,13a-pentamethyl-, (3S,3aS,4S,5aS,5bR,7aS,8S,11aS,11bR,13aS,13bS)- [134985-07-2]

**Phyllofolactone B**

See Chryseno[1,2-c]furan-1(3H)-one, 8-ethyl-4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-13-hydroxy-3,5b,8,11a,13a-pentamethyl-, (3S,5aS,5bR,7aS,8S,11aS,11bR,13S,13aS)- [134985-08-3]

**Phyllofolactone C**

See Chryseno[1,2-c]furan-1,13-dione, 8-ethyl-3,4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-3,5b,8,11a,13a-pentamethyl-, (3S,5aS,5bR,7aS,8S,11aS,11bR,13aS)- [222960-89-6]

**Phyllofolactone D**

See Chryseno[1,2-c]furan-1,13-dione, 3,4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13a-hexadecahydro-3,5b,8,11a,13a-hexamethyl-, (3S,5aS,5bR,7aS,11aS,11bR,13aS)- [222960-90-9]

**Phyllofoliaspongin**

See Pentanoic acid, 3-hydroxy-4-methyl-, (1S,2S,3R,4aS,4bR,6aS,7S,10aS,10bR,12aS)-2-acetyl-7-ethyl-1-formyloctadecahydro-4b,7,10a,12a-tetramethyl-12-oxo-3-chrysenyl ester, (3S)- [125990-20-7]

**Phyllohemiketal A**

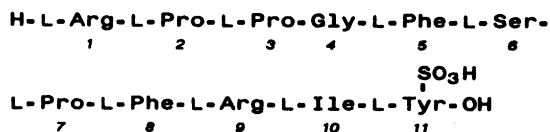
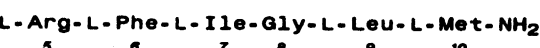
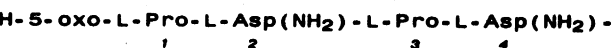
See Chryseno[1,2-c]furan-13(1H)-one, 4-(acetyloxy)-8-ethyloctadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-, (3S,3aS,4S,5aS,5bR,7aS,8S,11aS,11bR,13aS,13bS)- [146453-11-4]

**Phyllohemiketal B**

See Chryseno[1,2-c]furan-13(1H)-one, 8-ethyl-3,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13a,13b-hexadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-, (3S,5aS,5bR,7aS,8S,11aS,11bR,13aS,13bS)- [146396-24-9]

**Phylloketal**

See Chryseno[1,2-c]furan-13(1H)-one, 4-(acetyloxy)-8-ethyloctadecahydro-3-methoxy-3,5b,8,11a,13a-pentamethyl-, (3S,3aS,4S,5aS,5bR,7aS,8S,11aS,11bR,13aS,13bS)- [125990-23-0]

**Phyllokinin** [7265-10-3]**Phyllomedusin** [26145-48-2]**Phyllonite** **$\gamma$ -Phylloporphyrin IV**

See 21H,23H-Porphine-2-propanoic acid, 8,12-diethyl-3,7,13,17,20-pentamethyl- [13755-10-7]

 **$\gamma$ -Phylloporphyrin XV**

See 21H,23H-Porphine-2-propanoic acid, 8,13-diethyl-3,7,12,17,20-pentamethyl- [13939-70-3]

**Phyllopsorin**

See 11H-Dibenzo[b,e][1,4]dioxepin-4,6-dicarboxaldehyde, 2-chloro-3-hydroxy-8-methoxy-1,9-dimethyl-11-oxo- [131840-46-5]

**Phyllopyrrole**

See 1H-Pyrrole, 3-ethyl-2,4,5-trimethyl- [520-69-4]

**Phylloquinone**

See 1,4-Naphthalenedione, 2-methyl-3-[(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl]- [84-80-0]

epoxide — see Naphth[2,3-b]oxirene-2,7-dione, 1a,7a-dihydro-1a-methyl-7a-(3,7,11,15-tetramethyl-2-hexadecenyl)- [25486-55-9]

**—, dihydro-**

See 1,4-Naphthalenediol, 2-methyl-3-[(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl]- [572-96-3]

 **$\alpha$ -Phylloquinone**

See 1,4-Naphthalenedione, 2-methyl-3-[(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl]- [84-80-0]

**Phylloquinone epoxidase**

See Oxygenase, phylloquinone mono-(2,3-epoxidizing) [54596-37-1]

**Phylloquinone oxide**

See Naphth[2,3-b]oxirene-2,7-dione, 1a,7a-dihydro-1a-methyl-7a-(3,7,11,15-tetramethyl-2-hexadecenyl)- [25486-55-9]

**Phylloquinone reductase**

See Dehydrogenase, reduced nicotinamide adenine dinucleotide (phosphate) (quinone) [9032-20-6]

**Phyllosilicate minerals**

See also narrower:

Chlorite group minerals  
Clay minerals  
Mica-group minerals  
Serpentine-group minerals

See also related:

Intercalated phyllosilicates  
Silicate minerals

**Phyllosilicates**

See Phyllosilicate minerals

**Phyllosinol**

See 7-Oxabicyclo[4.1.0]hept-3-en-2-one, 5-hydroxy-3-(hydroxymethyl)-, (1R,5R,6R)- [24292-29-3]

**Phyllospadine**

See 4H-1-Benzopyran-4-one, 5,7-dihydroxy-2-(4-hydroxyphenyl)-6-methoxy-8-(1-methyl-2-pyrrolidinyl)- [76540-48-2]

**Phyllostachin**

See 6,11b:6a,9-Dimethano-1H-cyclohepta[a]-naphthalene-5,7(6H,8H)-dione, octahydro-6,11,12,13-tetrahydroxy-4,4-dimethyl-8-methylen-, (4aR,6S,6aS,9R,11S,11aS,11bR,12R,13R)- [86794-74-3]

**Phyllostachysin A**

See 6,11b:6a,9-Dimethano-1H-cyclohepta[a]-naphthalene-5,7(6H,8H)-dione, octahydro-6,11,12,13-tetrahydroxy-4,4-dimethyl-8-methylen-, (4aR,6S,6aS,9R,11S,11aS,11bR,12R,13R)- [86794-74-3]

**Phyllostachysin B**

See *Kaur*-16-en-20-ol, 15-(acetyloxy)-6,11,14-trihydroxy-7-oxo-, (6 $\beta$ ,11 $\beta$ ,14R,15 $\alpha$ )- [139953-24-5]

**Phyllostachys pubescens**

See *Phyllostachys edulis*

**Phyllostin**

See 7-Oxabicyclo[4.1.0]hept-3-ene-2,5-dione, 3-(hydroxymethyl)-, (1R,6S)- [27270-89-9]

**Phylloxera vastatrix**

See *Phylloxera vitifolii*

**Phyllozultin**

See 2H-1-Benzopyran-2-one, 8-hydroxy-3-(3-hydroxy-4-methoxyphenyl)- [68165-54-8]

**Phyllurine**

See 2-Propenoic acid, 3-[3-(aminoiminomethyl)-4-hydroxyphenyl]-, (2E)- [220345-84-6]

**Phyllygenin**

See Phenol, 4-[(1R,3aS,4S,6aS)-4-(3,4-dimethoxyphenyl)tetrahydro-1H,3H-furo[3,4-c]furan-1-yl]-2-methoxy- [23397-47-9]

**Phylogeny**

See Evolution

**Phyloside A**

See  $\beta$ -D-Glucopyranosiduronic acid, (3 $\beta$ ,4 $\alpha$ )-28-[(O-6-deoxy-L-mannopyranosyl-(1-4)-O-[6-deoxy-L-mannopyranosyl-(1-6)]-O-D-glucopyranosyl-(1-2)-6-deoxy-D-galactopyranosyl]oxy]-23,28-dioxoolean-12-en-3-yl O- $\beta$ -D-galactopyranosyl-(1-4)-O-[ $\beta$ -D-xylopyranosyl-(1-2)]-O-[O- $\beta$ -D-xylopyranosyl-(1-2)- $\beta$ -D-galactopyranosyl-(1-3)]- [54928-13-1]

**Phyloside B**

See  $\beta$ -D-Glucopyranosiduronic acid, (3 $\beta$ ,4 $\beta$ )-28-[(O-6-deoxy- $\alpha$ -L-mannopyranosyl-(1-4)-O- $\alpha$ -L-arabinopyranosyl-(1-2)-6-deoxy- $\beta$ -D-galactopyranosyl]oxy]-23,28-dioxoolean-12-en-3-yl O- $\alpha$ -L-arabinopyranosyl-(1-2)-O- $\beta$ -D-xylopyranosyl-(1-2)-O-[ $\beta$ -D-galactopyranosyl-(1-3)]-O-[ $\beta$ -D-galactopyranosyl-(1-4)]-O-[ $\beta$ -D-xylopyranosyl-(1-2)]- [54967-99-6]

**PHYLPA 1**

See Cyclopropaneoctanoic acid, 2-hexyl-, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt, (1S,2R)- [151766-47-1]

**PHYLPA 2**

See Cyclopropaneoctanoic acid, 2-hexyl-, [(4S)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt, (1S,2R)- [151766-51-7]

**PHYLPA 3**

See Cyclopropaneoctanoic acid, 2-hexyl-, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt, (1R,2S)- [151766-52-8]

**PHYLPA 4**

See Cyclopropaneoctanoic acid, 2-hexyl-, [(4S)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt, (1R,2S)- [151766-53-9]

**PHYLPA 5**

See Hexadecanoic acid, esters, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt [168217-08-1]

**PHYLPA 6**

See 9-Hexadecenoic acid, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt, (9Z)- [168217-09-2]

**PHYLPA 7**

See 9-Hexadecenoic acid, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt [168217-10-5]

**PHYLPA 8**

See 9-Octadecenoic acid (9Z)-, esters, [(4R)-2-hydroxy-2-oxido-1,3,2-dioxaphospholan-4-yl]methyl ester, sodium salt [169736-88-3]

**Phyltetralin**

See Naphthalene, 1-(3,4-dimethoxyphenyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2,3-bis(methoxymethyl)-, (1R,2S,3S)-rel- [50656-79-6]